



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

FUKUSHIMA

Serial No. 09/663,672

Filed: September 18, 2000

For: LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR MANUFACTURING  
THE SAME

Atty. Ref.: 3789-7

Group: 2871

Examiner: Dudek, James Andre

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AUG 28 2002  
TECHNOLOGY CENTER 2800

\* \* \* \* \*

August 26, 2002

H6 (B)(N)  
JRM  
82902

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**AMENDMENT**

In response to the Office Action dated June 14, 2002, please amend the above-identified application as follows:

**IN THE CLAIMS**

Please substitute the following amended claim(s) for corresponding claim(s) previously presented. A copy of the amended claim(s) showing current revisions is attached.

1. (Twice Amended) An active matrix liquid crystal display device comprising a liquid crystal cell, a switching element arranged in matrix, and shading layers mounted both on the upper side and the lower side of said switching element; wherein

at least one of the upper and lower shading layers having sloped portions to form a convex shape with an outermost portion of said convex shape being directly opposite to a gate electrode of said switching element.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 3789-7

C# M#

FUKUSHIMA

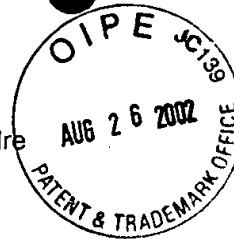
Group Art Unit: 2871

Serial No. 09/663,672

Examiner: Dudek, James Andre

Filed: September 18, 2000

Date: August 26, 2002

Title: LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR MANUFACTURING  
THE SAMEAssistant Commissioner for Patents  
Washington, DC 20231

TECHNOLOGY CENTER 2800

AUG 28 2002

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Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

**Fees are attached as calculated below:**

Total effective claims after amendment 25 minus highest number  
previously paid for 25 (at least 20) = 0 x \$ 18.00 \$ 0.00

Independent claims after amendment 5 minus highest number  
previously paid for 5 (at least 3) = 0 x \$ 84.00 \$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this  
paper and attachment(s) (\$110.00/1 month; \$400.00/2 months; \$920.00/3 months) \$ 0.00

Terminal disclaimer enclosed, add \$ 110.00 \$ 0.00

☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$740.00) \$ 0.00

☐ Please enter the previously unentered, filed

☐ Submission attached

**Subtotal** \$ 0.00

If "small entity," then enter half (1/2) of subtotal and subtract -\$ 0.00

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 0.00

Assignment Recording Fee (\$40.00) \$ 0.00

Other: 0.00

**TOTAL FEE ENCLOSED** \$ 0.00

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.  
By Atty: Chris Comuntzis, Reg. No. 31,097

Signature: 